

ABSTRACT

A double-sided optical disc, such as a DVD-18 disc, is formed with data tracks on each layer. The tracks on one side are oriented along one spiral while the tracks on the other side are oriented along a second spiral, the two spirals being oriented in opposite directions as viewed from the respective sides, so that they are mirror images of each other. This allows data to be read by a player seamlessly from either side of the disc without changing the direction of rotation of the disc while normal data reading is proceeding. The disc also includes rotational indicia that is detected by the player and used to determine the direction of rotation for the disc that will allow a read head to read program data from the disc.